

ABSTRACT OF THE DISCLOSURE

A schedule recording section (4) records a user's schedule. A SOC (state-of-charge) optimization planning section (5) plans the SOC of a rechargeable battery (21) based on the user's schedule.

5 The planned control target SOC is optimized through a comparison between the continuous charging characteristic of the rechargeable battery (21) and the length of an operable period or the amount of electric power to be secured at the time of battery-powered operation. For example, a control target SOC is set at a full charge

10 in the proximity of the period during which a battery-powered operation time is expected to be long. A control target SOC is set lower enough than a full charge in the period during which a connection to an external power supply (A) by the AC adapter (11) is expected to continue for a long time. A power-supply control

15 section (3) controls the charge and discharge of the rechargeable battery (21) according to a plan for the optimization of the SOC.